

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1 (currently amended): A fluid coupling comprising:

first and second coupling members having respective gasket holding annular ridges on butting end faces thereof; and

an annular gasket interposed between ~~[[two]]~~ the first and second coupling members,

wherein ~~[[each]]~~ at least one of the first and second coupling ~~member~~ members has a fluid channel comprising an opening passageway orthogonal to the butting end face thereof, and a slanting main passageway communicating therewith, the opening passageway having a diameter equal to the inside diameter of the gasket holding annular ridge, and

wherein ~~D_m is smaller than D_o , and by making D_g smaller than D_o and D_o equal to D_p , D_m obtained by $D_m = D_o \cdot \cos \theta$ is increased, where D_m represents a diameter of the slanting main passageway, D_o represents a diameter of the opening passageway, D_g represents an inside diameter of the gasket, D_p represents an inside diameter of the gasket holding annular ridge, and θ represents an angle the butting end face makes with a longitudinal direction of the slanting main passageway~~ the gasket holding annular ridges are in contact with the gasket at its radial

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(undl)
midportion so as to relieve the inner peripheral portion of the gasket from stress concentration
and wrinkles.
